

Sub  
D1  
amended  
C1  
U.S.S.N. 08/259,321  
FILED: JUNE 10, 1994  
AMENDMENT

thrombin-thrombomodulin, and wherein the antibody and antibody fragment are [is]  
expressed in bacterial cells or contains human amino acid sequence.

C2  
7. (amended) The antibody of claim 1 having a detectable [lable] label directly  
bound to the antibody.

Sub  
D3  
C3  
14. (three times amended) A method of making a recombinant  $\text{Ca}^{2+}$  dependent  
monoclonal antibody [immunoreactive with a first] which binds an epitope in the activation  
peptide region of the heavy chain of Protein C defined by E D Q V D P R L I D G K  
(Sequence ID No. 1) [in combination with a second epitope consisting of] and calcium ions,  
where the antibody inhibits Protein C activation by thrombin-thrombomodulin, by expressing  
nucleotide [sequence] molecules encoding the hypervariable region of the heavy and light  
chains of the monoclonal antibody expressed by the hybridoma deposited with the American  
Type Culture Collection as ATCC No. HB 9892 in bacteria.

Sub  
D4  
C4  
17. (three times amended) The method of claim 14 further comprising inserting  
human antibody amino acid sequence into the antibody in the constant domain or framework  
regions of the variable domain.

C5  
18. (amended) The method of claim 14 further comprising directly binding  
detectable [lable] label to the antibody.